

In the Claims

Claims 1-73 (cancelled)

74. (currently amended) In a hand held non-contact temperature measurement instrument comprising on a common support the combination of an infrared radiation detector having a field of view coincident with a target surface temperature measurement area; and a laser system for aiming said detector at said target surface area;

the improvement in which said system includes ~~multiple~~  
~~more than two~~ independent spaced apart lasers, each of which directs ~~at least one~~ a visible laser beam onto said surface to indicate to the user a pattern of spaced apart light spots which identify the edges of the target surface ~~measurement~~ area and location measured by said detector.

75. (cancelled)

76. (cancelled)

77. (cancelled)

78. (cancelled)

79. (currently amended) An instrument according to claim 74 in which said ~~multiple~~ lasers direct separate spaced apart beams to the edges of the field of view of said detector.

80. (cancelled)

81. (currently amended) In a hand held temperature instrument having mounted on a common support a ~~radiometer~~ radiation detector having a longitudinal axis and a field of view; and a radiation detector laser sighting system mounted adjacent said detector;

the improvement in said sighting system wherein [[two]] more than two independent lasers are mounted respectively on ~~opposite~~ sides of the radiometer axis, and a separate beam from said each laser indicates visually on a target measurement surface ~~opposite~~ parts of the field of view of said detector.

82. (cancelled)

83. (cancelled)

84. (cancelled)

85. (cancelled)

86. (currently amended) A hand-held temperature measurement instrument comprising a radiometer having a field of view coincident with a target measurement surface area, and [[two]] more than two spaced apart mutually independent lasers for aiming said radiometer at said area, all mounted on a common support, each laser directing a visible laser beam onto said measurement surface area to display a pattern of spaced apart light spots which identify the edge and location of the field of view of said radiometer.

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